

Chin Wee Tan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

681
citations

687363

13
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	Imbalance of the renin-angiotensin system may contribute to inflammation and fibrosis in IBD: a novel therapeutic target?. <i>Gut</i> , 2020, 69, 841-851.	12.1	160
2	Wnt Signalling Pathway Parameters for Mammalian Cells. <i>PLoS ONE</i> , 2012, 7, e31882.	2.5	99
3	Partial inhibition of gp130-Jak-Stat3 signaling prevents Wnt- β -catenin-mediated intestinal tumor growth and regeneration. <i>Science Signaling</i> , 2014, 7, ra92.	3.6	68
4	Profiling of lung SARS-CoV-2 and influenza virus infection dissects virus-specific host responses and gene signatures. <i>European Respiratory Journal</i> , 2022, 59, 2101881.	6.7	37
5	Colon Cryptogenesis: Asymmetric Budding. <i>PLoS ONE</i> , 2013, 8, e78519.	2.5	32
6	Repurposing the selective estrogen receptor modulator <i>bazedoxifene</i> to suppress gastrointestinal cancer growth. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	32
7	Specification, annotation, visualization and simulation of a large rule-based model for ERBB receptor signaling. <i>BMC Systems Biology</i> , 2012, 6, 107.	3.0	31
8	Discrete Element Framework for Modelling Extracellular Matrix, Deformable Cells and Subcellular Components. <i>PLoS Computational Biology</i> , 2015, 11, e1004544.	3.2	28
9	Colonic myofibroblast cell line stimulates colonoid formation. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G547-G556.	3.4	27
10	Colon organoid formation and cryptogenesis are stimulated by growth factors secreted from myofibroblasts. <i>PLoS ONE</i> , 2018, 13, e0199412.	2.5	27
11	Analysis of Wnt signaling β -catenin spatial dynamics in HEK293T cells. <i>BMC Systems Biology</i> , 2014, 8, 44.	3.0	22
12	Mathematical model of TGF- β signalling: feedback coupling is consistent with signal switching. <i>BMC Systems Biology</i> , 2017, 11, 48.	3.0	18
13	Low-viscosity matrix suspension culture enables scalable analysis of patient-derived organoids and tumoroids from the large intestine. <i>Communications Biology</i> , 2021, 4, 1067.	4.4	15
14	LRIG1 Extracellular Domain: Structure and Function Analysis. <i>Journal of Molecular Biology</i> , 2015, 427, 1934-1948.	4.2	13
15	Analysis of Wnt signalling dynamics during colon crypt development in 3D culture. <i>Scientific Reports</i> , 2015, 5, 11036.	3.3	11
16	A hypermorphic epithelial beta-catenin mutation facilitates intestinal tumorigenesis in mice in response to compounding WNT-pathway mutations. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1361-73.	2.4	11
17	Controlling seepage in discrete particle simulations of biological systems. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1160-1170.	1.6	8
18	Loss of Bcl-G, a Bcl-2 family member, augments the development of inflammation-associated colorectal cancer. <i>Cell Death and Differentiation</i> , 2020, 27, 742-757.	11.2	8

#	ARTICLE	IF	CITATIONS
19	TGF- β^2 and IL-6 family signalling crosstalk: an integrated model. <i>Growth Factors</i> , 2017, 35, 100-124.	1.7	7
20	SOX9 Defines Distinct Populations of Cells in SHH Medulloblastoma but Is Not Required for Math1-Driven Tumor Formation. <i>Molecular Cancer Research</i> , 2021, 19, 1831-1839.	3.4	5
21	Modelling the effect of subcellular mutations on the migration of cells in the colorectal crypt. <i>BMC Bioinformatics</i> , 2020, 21, 95.	2.6	4
22	Preclinical small molecule WEHI-7326 overcomes drug resistance and elicits response in patient-derived xenograft models of human treatment-refractory tumors. <i>Cell Death and Disease</i> , 2021, 12, 268.	6.3	2
23	Transplantable programmed death ligand 1 expressing gastroids from gastric cancer prone Nfkb1 ^{-/-} mice. <i>Cell Death and Disease</i> , 2021, 12, 1091.	6.3	2